

**INFORMATION DISCLOSURE
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SHEET 1 OF 1

ATTY. DOCKET NO.

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New PCT Nat'l Stage
Application

APPLICANT

Masayuki HOSHINO, et al.

FILING DATE

August 10, 2006

GROUP

Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
2003 3 1 8 8 5 3	04/2003	JP			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PCT International Search Report dated May 25, 2004.

Y. HARA, et al.; "Sojushin Beam Keisei o Mochiiru MIMO system no Weight Seigyoho," The Institute of Electronics, Information and Communication Engineers Gijutsu Kenkyu Hokoku, Aug. 23, 2002, vol. 102, no. 282, pp. 33-40; RCS 2002-152.

S. IHI, et al.; "Soshin Denryoku Seigyo o Tekiyo shita MIMO Tekio Hencho ni Kansuru Kento," 2003 Nen The Institute of Electronics, Information and Communication Engineers Sogo Taikai Koen Ronbunshu, Mar. 3, 2003, pg. 621, B-5-162.

JIKEI, et al.; "Saiteki Denryoku Haibun o Okonau Soshin Antena Sentakugata MIMO Channel Denso Hoshiki," 2003 Nen The Institute of Electronics, Information and Communication Engineers Sogo Taikai Koen Ronbunshu, Mar. 3, 2003, pg. 622, B-5-163.

Kenji SUDO, et al.; "MIMO System ni Okeru throughput Saidaike Soshin Seigyoho," The Institute of Electronics, Information and Communication Engineers Gijutsu Kenkyu Hokoku, Nov. 14, 2003, vol. 103, no. 460, pp. 133-138, RCS 2003-209.

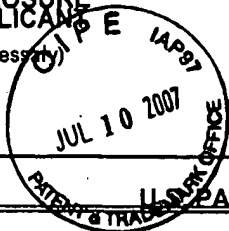
J. CHUNG, et al.; "A Random Beamforming Technique in MIMO Systems Exploiting Multiuser Diversity," IEEE Journal on Selected areas in communications, vol. 21, no. 5, June 2003, pp. 848-855.

M. STEGE, et al.; "Multistratum-Permutation Codes for MIMO Communication," IEEE Journal on selected areas in communications, vol. 21, no. 5, June 2003, pp. 774-782.

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PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
T-N	0 2 0 7 8 2 1 1	10/2002	WO				
T-N	0 3 0 4 1 3 0 0	05/2003	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

T-N	Supplementary European Search Report dated April 17, 2007.

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